



Tuesday, September 11, 2012

Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Project ID: SATIN
Sample ID#s: BC60563 - BC60573

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in black ink, appearing to read "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

08/27/12

Time

10:35

08/27/12

16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60563

Project ID: SATIN
Client ID: N-151 1-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	94		%	08/27/12	JL	E160.3
Soil Extraction SVOA BN	Completed			08/27/12	RJ/F	SW3545
Extraction of CT ETPH	Completed			08/27/12	RS/F	3545

TPH by GC (Extractable Products)

Ext. Petroleum HC	90	10	mg/Kg	08/29/12	KCA	CT ETPH/8015
Identification	**		mg/Kg	08/29/12	KCA	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	Interference		%	08/29/12	KCA	50 - 150 %
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Polynuclear Aromatic HC

2-Methylnaphthalene	ND	250	ug/Kg	08/28/12	DD	SW 8270
Acenaphthene	ND	250	ug/Kg	08/28/12	DD	SW 8270
Acenaphthylene	640	250	ug/Kg	08/28/12	DD	SW 8270
Anthracene	440	250	ug/Kg	08/28/12	DD	SW 8270
Benz(a)anthracene	1700	250	ug/Kg	08/28/12	DD	SW 8270
Benzo(a)pyrene	1700	250	ug/Kg	08/28/12	DD	SW 8270
Benzo(b)fluoranthene	2200	250	ug/Kg	08/28/12	DD	SW 8270
Benzo(ghi)perylene	1400	250	ug/Kg	08/28/12	DD	SW 8270
Benzo(k)fluoranthene	680	250	ug/Kg	08/28/12	DD	SW 8270
Chrysene	1700	250	ug/Kg	08/28/12	DD	SW 8270
Dibenz(a,h)anthracene	320	250	ug/Kg	08/28/12	DD	SW 8270
Fluoranthene	3800	250	ug/Kg	08/28/12	DD	SW 8270
Fluorene	ND	250	ug/Kg	08/28/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	1100	250	ug/Kg	08/28/12	DD	SW 8270
Naphthalene	ND	250	ug/Kg	08/28/12	DD	SW 8270
Phenanthrene	1800	250	ug/Kg	08/28/12	DD	SW 8270
Pyrene	3500	250	ug/Kg	08/28/12	DD	SW 8270

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	75		%	08/28/12	DD	40 - 140 %
% Nitrobenzene-d5	81		%	08/28/12	DD	40 - 140 %
% Terphenyl-d14	87		%	08/28/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

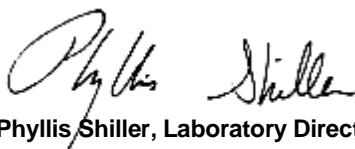
Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains discreet peaks in the C10 to C36 range. The sample was quantitated against a C9-C36 standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 10:46
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60564

Project ID: SATIN
Client ID: N-158 5-6

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	08/27/12	JL	E160.3
Soil Extraction SVOA BN	Completed			08/27/12	RJ/F	SW3545
Extraction of CT ETPH	Completed			08/27/12	RS/F	3545

TPH by GC (Extractable Products)

Ext. Petroleum HC	660	11	mg/Kg	08/29/12	KCA	CT ETPH/8015
Identification	**		mg/Kg	08/29/12	KCA	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	78		%	08/29/12	KCA	50 - 150 %
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Polynuclear Aromatic HC

2-Methylnaphthalene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Acenaphthene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Acenaphthylene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Anthracene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Benz(a)anthracene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(a)pyrene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(b)fluoranthene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(ghi)perylene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(k)fluoranthene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Chrysene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Fluoranthene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Fluorene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Naphthalene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Phenanthrene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Pyrene	ND	510	ug/Kg	08/28/12	DD	SW 8270

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	93		%	08/28/12	DD	40 - 140 %
% Nitrobenzene-d5	86		%	08/28/12	DD	40 - 140 %
% Terphenyl-d14	93		%	08/28/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

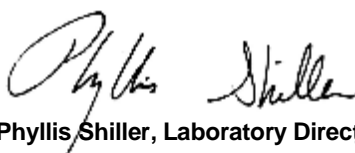
* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis Shiller, Laboratory Director

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 11:20
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60565

Project ID: SATIN
Client ID: N-158 0-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	92		%	08/27/12	JL	E160.3
Soil Extraction SVOA BN	Completed			08/27/12	RJ/F	SW3545
Extraction of CT ETPH	Completed			08/27/12	RS/F	3545

TPH by GC (Extractable Products)

Ext. Petroleum HC	270	11	mg/Kg	08/29/12	KCA	CT ETPH/8015
Identification	**		mg/Kg	08/29/12	KCA	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	58		%	08/29/12	KCA	50 - 150 %
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Polynuclear Aromatic HC

2-Methylnaphthalene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Acenaphthene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Acenaphthylene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Anthracene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Benz(a)anthracene	870	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(a)pyrene	920	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(b)fluoranthene	1700	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(ghi)perylene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Benzo(k)fluoranthene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Chrysene	1000	510	ug/Kg	08/28/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Fluoranthene	2000	510	ug/Kg	08/28/12	DD	SW 8270
Fluorene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Naphthalene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Phenanthrene	ND	510	ug/Kg	08/28/12	DD	SW 8270
Pyrene	1600	510	ug/Kg	08/28/12	DD	SW 8270

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	88		%	08/28/12	DD	40 - 140 %
% Nitrobenzene-d5	81		%	08/28/12	DD	40 - 140 %
% Terphenyl-d14	86		%	08/28/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

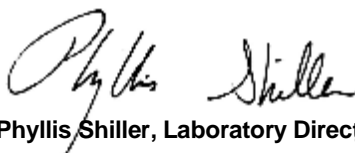
* Due to a matrix interference and/or the presence of a large amount of non-target material in the sample, an elevated RL was reported for the semivolatile analysis.

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C16 to C36 range. The sample was quantitated against a C9-C36 standard.

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Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 10:55
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60566

Project ID: SATIN
Client ID: N-141 0-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/27/12	JL	E160.3
Soil Extraction SVOA BN	Completed			08/27/12	RJ/F	SW3545
Extraction of CT ETPH	Completed			08/27/12	RS/F	3545

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	11	mg/Kg	08/29/12	KCA	CT ETPH/8015
Identification	ND		mg/Kg	08/29/12	KCA	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	60		%	08/29/12	KCA	50 - 150 %
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Polynuclear Aromatic HC

2-Methylnaphthalene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Acenaphthene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Anthracene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(b)fluoranthene	340	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Chrysene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Fluoranthene	370	260	ug/Kg	08/28/12	DD	SW 8270
Fluorene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Naphthalene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Pyrene	340	260	ug/Kg	08/28/12	DD	SW 8270

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	70		%	08/28/12	DD	40 - 140 %
% Nitrobenzene-d5	76		%	08/28/12	DD	40 - 140 %
% Terphenyl-d14	70		%	08/28/12	DD	40 - 140 %

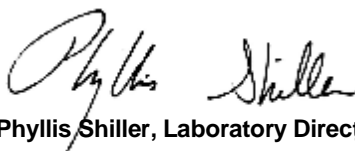
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 11:10
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60567

Project ID: SATIN
Client ID: N-164 1-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	83		%	08/27/12	JL	E160.3
Soil Extraction SVOA BN	Completed			08/27/12	RJ/F	SW3545
Extraction of CT ETPH	Completed			08/27/12	RS/F	3545

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	12	mg/Kg	08/29/12	KCA	CT ETPH/8015
Identification	ND		mg/Kg	08/29/12	KCA	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	72		%	08/29/12	KCA	50 - 150 %
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Polynuclear Aromatic HC

2-Methylnaphthalene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Acenaphthene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Acenaphthylene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Anthracene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Benz(a)anthracene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Benzo(a)pyrene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Benzo(b)fluoranthene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Benzo(ghi)perylene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Benzo(k)fluoranthene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Chrysene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Fluoranthene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Fluorene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Naphthalene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Phenanthrene	ND	280	ug/Kg	08/28/12	DD	SW 8270
Pyrene	ND	280	ug/Kg	08/28/12	DD	SW 8270

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	75		%	08/28/12	DD	40 - 140 %
% Nitrobenzene-d5	85		%	08/28/12	DD	40 - 140 %
% Terphenyl-d14	83		%	08/28/12	DD	40 - 140 %

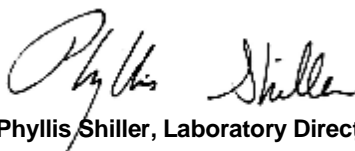
RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 11:30
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60568

Project ID: SATIN
Client ID: N-131 1-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	88		%	08/27/12	JL	E160.3
Soil Extraction SVOA BN	Completed			08/27/12	RJ/F	SW3545
Extraction of CT ETPH	Completed			08/27/12	RS/F	3545

TPH by GC (Extractable Products)

Ext. Petroleum HC	1300	11	mg/Kg	08/29/12	KCA	CT ETPH/8015
Identification	**		mg/Kg	08/29/12	KCA	CT ETPH/8015

QA/QC Surrogates

% n-Pentacosane	69		%	08/29/12	KCA	50 - 150 %
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Polynuclear Aromatic HC

2-Methylnaphthalene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Acenaphthene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Acenaphthylene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Anthracene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benz(a)anthracene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(a)pyrene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(b)fluoranthene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(ghi)perylene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Benzo(k)fluoranthene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Chrysene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Dibenz(a,h)anthracene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Fluoranthene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Fluorene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Indeno(1,2,3-cd)pyrene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Naphthalene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Phenanthrene	ND	260	ug/Kg	08/28/12	DD	SW 8270
Pyrene	ND	260	ug/Kg	08/28/12	DD	SW 8270

QA/QC Surrogates

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
% 2-Fluorobiphenyl	78		%	08/28/12	DD	40 - 140 %
% Nitrobenzene-d5	90		%	08/28/12	DD	40 - 140 %
% Terphenyl-d14	81		%	08/28/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

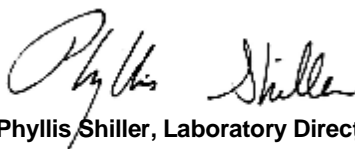
Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C12 to C20 range. The sample was quantitated against a C9-C36 standard.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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Phyllis Shiller, Laboratory Director

September 11, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 11:40
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60569

Project ID: SATIN
Client ID: N-27 0-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
SPLP PCB Extraction	Completed			08/28/12	L/L	SW3510/3520
SPLP ETPH Extraction	Completed			08/28/12	F/D	SW 3510/3520
SPLP Extraction for Organics	Completed			08/27/12	X	EPA1312
SPLP Semivolatiles (SIM) Ext.	Completed			08/28/12	F/D	SW3510/3520

SPLP TPH by GC (Ext. Products)

Ext. Petroleum HC	ND	0.1	mg/L	08/30/12	KCA	CT ETPH
Identification	ND		mg/L	08/30/12	KCA	CT ETPH

QA/QC Surrogates

% n-Pentacosane	61		%	08/30/12	KCA	50 - 150 %
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SPLP Polychlorinated Biphenyls

PCB-1016	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1221	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1232	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1242	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1248	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1254	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1260	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1262	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1268	ND	0.5	ug/L	08/29/12	AW	SW8082

QA/QC Surrogates

%DCBP (Surrogate Rec)	40		%	08/29/12	AW	30 - 150 %
%TCMX (Surrogate Rec)	67		%	08/29/12	AW	30 - 150 %

SPLP Semivolatiles by SIM

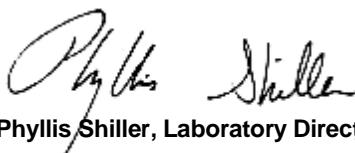
2-Methylnaphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Acenaphthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Acenaphthylene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Benz(a)anthracene	ND	0.040	ug/L	08/31/12	DD	8270(SIM)
Benzo(a)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	08/31/12	DD	8270(SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Chrysene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	08/31/12	DD	8270(SIM)
Fluoranthene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Fluorene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Naphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Phenanthrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Pyrene	ND	10	ug/L	08/31/12	DD	8270(SIM)
<u>QA/QC Surrogates</u>						
% 2-Fluorobiphenyl	77		%	08/31/12	DD	40 - 140 %
% Nitrobenzene-d5	77		%	08/31/12	DD	40 - 140 %
% Terphenyl-d14	113		%	08/31/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

September 11, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 12:00
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60570

Project ID: SATIN
Client ID: N-12 0-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
SPLP PCB Extraction	Completed			08/28/12	L/L	SW3510/3520
SPLP ETPH Extraction	Completed			08/28/12	F/D	SW 3510/3520
SPLP Extraction for Organics	Completed			08/27/12	X	EPA1312
SPLP Semivolatiles (SIM) Ext.	Completed			08/28/12	F/D	SW3510/3520

SPLP TPH by GC (Ext. Products)

Ext. Petroleum HC	ND	0.1	mg/L	08/30/12	KCA	CT ETPH
Identification	ND		mg/L	08/30/12	KCA	CT ETPH

QA/QC Surrogates

% n-Pentacosane	64		%	08/30/12	KCA	50 - 150 %
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SPLP Polychlorinated Biphenyls

PCB-1016	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1221	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1232	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1242	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1248	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1254	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1260	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1262	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1268	ND	0.5	ug/L	08/29/12	AW	SW8082

QA/QC Surrogates

%DCBP (Surrogate Rec)	43		%	08/29/12	AW	30 - 150 %
%TCMX (Surrogate Rec)	86		%	08/29/12	AW	30 - 150 %

SPLP Semivolatiles by SIM

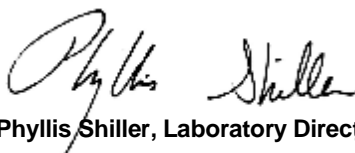
2-Methylnaphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Acenaphthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Acenaphthylene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Benz(a)anthracene	ND	0.040	ug/L	08/31/12	DD	8270(SIM)
Benzo(a)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	08/31/12	DD	8270(SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Chrysene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	08/31/12	DD	8270(SIM)
Fluoranthene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Fluorene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Naphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Phenanthrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Pyrene	ND	10	ug/L	08/31/12	DD	8270(SIM)
<u>QA/QC Surrogates</u>						
% 2-Fluorobiphenyl	73		%	08/31/12	DD	40 - 140 %
% Nitrobenzene-d5	70		%	08/31/12	DD	40 - 140 %
% Terphenyl-d14	102		%	08/31/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

September 11, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

08/27/12

Time

12:10

08/27/12

16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60571

Project ID: SATIN
Client ID: N-74 0-1

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
SPLP PCB Extraction	Completed			08/31/12	t/T	SW3510/3520
SPLP ETPH Extraction	Completed			08/28/12	F/D	SW 3510/3520
SPLP Extraction for Organics	Completed			08/30/12	X	EPA1312
SPLP Semivolatiles (SIM) Ext.	Completed			08/28/12	F/D	SW3510/3520

SPLP TPH by GC (Ext. Products)

Ext. Petroleum HC	ND	0.1	mg/L	08/30/12	KCA	CT ETPH
Identification	ND		mg/L	08/30/12	KCA	CT ETPH

QA/QC Surrogates

% n-Pentacosane	64		%	08/30/12	KCA	50 - 150 %
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SPLP Polychlorinated Biphenyls

PCB-1016	ND	0.5	ug/L	09/05/12	MH	SW8082
PCB-1221	ND	0.5	ug/L	09/05/12	MH	SW8082
PCB-1232	ND	0.5	ug/L	09/05/12	MH	SW8082
PCB-1242	ND	0.5	ug/L	09/05/12	MH	SW8082
PCB-1248	ND	0.5	ug/L	09/05/12	MH	SW8082
PCB-1254	ND	0.5	ug/L	09/05/12	MH	SW8082
PCB-1260	0.74	0.5	ug/L	09/05/12	MH	SW8082
PCB-1262	ND	0.5	ug/L	09/05/12	MH	SW8082
PCB-1268	ND	0.5	ug/L	09/05/12	MH	SW8082

QA/QC Surrogates

%DCBP (Surrogate Rec)	67		%	09/05/12	MH	30 - 150 %
%TCMX (Surrogate Rec)	89		%	09/05/12	MH	30 - 150 %

SPLP Semivolatiles by SIM

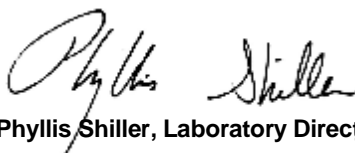
2-Methylnaphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Acenaphthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Acenaphthylene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Benz(a)anthracene	0.05	0.040	ug/L	08/31/12	DD	8270(SIM)
Benzo(a)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(b)fluoranthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	08/31/12	DD	8270(SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Chrysene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Dibenz(a,h)anthracene	ND	0.010	ug/L	08/31/12	DD	8270(SIM)
Fluoranthene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Fluorene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Naphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Phenanthrene	0.23	0.050	ug/L	08/31/12	DD	8270(SIM)
Pyrene	ND	10	ug/L	08/31/12	DD	8270(SIM)
<u>QA/QC Surrogates</u>						
% 2-Fluorobiphenyl	74		%	08/31/12	DD	40 - 140 %
% Nitrobenzene-d5	73		%	08/31/12	DD	40 - 140 %
% Terphenyl-d14	54		%	08/31/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

September 11, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date Time

08/27/12 12:05
08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60572

Project ID: SATIN
Client ID: N-120 1-2

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
SPLP PCB Extraction	Completed			08/31/12	T/T	SW3510/3520
SPLP ETPH Extraction	Completed			08/28/12	F/D	SW 3510/3520
SPLP Extraction for Organics	Completed			08/30/12	X	EPA1312
SPLP Semivolatiles (SIM) Ext.	Completed			08/28/12	F/D	SW3510/3520

SPLP TPH by GC (Ext. Products)

Ext. Petroleum HC	ND	0.1	mg/L	08/30/12	KCA	CT ETPH
Identification	ND		mg/L	08/30/12	KCA	CT ETPH

QA/QC Surrogates

% n-Pentacosane	65		%	08/30/12	KCA	50 - 150 %
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SPLP Polychlorinated Biphenyls

PCB-1016	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1221	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1232	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1242	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1248	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1254	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1260	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1262	ND	0.5	ug/L	09/04/12	AW	SW8082
PCB-1268	ND	0.5	ug/L	09/04/12	AW	SW8082

QA/QC Surrogates

%DCBP (Surrogate Rec)	77		%	09/04/12	AW	30 - 150 %
%TCMX (Surrogate Rec)	54		%	09/04/12	AW	30 - 150 %

SPLP Semivolatiles by SIM

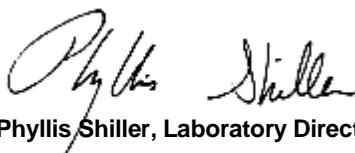
2-Methylnaphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Acenaphthene	0.07	0.050	ug/L	08/31/12	DD	8270(SIM)
Acenaphthylene	0.12	0.050	ug/L	08/31/12	DD	8270(SIM)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Benz(a)anthracene	0.09	0.040	ug/L	08/31/12	DD	8270(SIM)
Benzo(a)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(b)fluoranthene	0.07	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	08/31/12	DD	8270(SIM)
Benzo(k)fluoranthene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Chrysene	0.07	0.050	ug/L	08/31/12	DD	8270(SIM)
Dibenz(a,h)anthracene	0.01	0.010	ug/L	08/31/12	DD	8270(SIM)
Fluoranthene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Fluorene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Indeno(1,2,3-cd)pyrene	ND	0.050	ug/L	08/31/12	DD	8270(SIM)
Naphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Phenanthrene	0.98	0.050	ug/L	08/31/12	DD	8270(SIM)
Pyrene	ND	10	ug/L	08/31/12	DD	8270(SIM)
<u>QA/QC Surrogates</u>						
% 2-Fluorobiphenyl	74		%	08/31/12	DD	40 - 140 %
% Nitrobenzene-d5	70		%	08/31/12	DD	40 - 140 %
% Terphenyl-d14	109		%	08/31/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

September 11, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

September 11, 2012

FOR: Attn: Mr. Darrick Jones
Leggette, Brashears & Graham
6 Executive Drive
Farmington CT 06030

Sample Information

Matrix: SOIL
Location Code: LBG-FARM
Rush Request: Standard
P.O.#:

Custody Information

Collected by:
Received by: LB
Analyzed by: see "By" below

Date

08/27/12

Time

12:30

08/27/12 16:20

Laboratory Data

SDG ID: GBC60563
Phoenix ID: BC60573

Project ID: SATIN
Client ID: N-69 2-3

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
SPLP PCB Extraction	Completed			08/28/12	L/L	SW3510/3520
SPLP ETPH Extraction	Completed			08/28/12	F/D	SW 3510/3520
SPLP Extraction for Organics	Completed			08/27/12	X	EPA1312
SPLP Semivolatiles (SIM) Ext.	Completed			08/28/12	F/D	SW3510/3520

SPLP TPH by GC (Ext. Products)

Ext. Petroleum HC	ND	0.1	mg/L	08/30/12	KCA	CT ETPH
Identification	ND		mg/L	08/30/12	KCA	CT ETPH

QA/QC Surrogates

% n-Pentacosane	66		%	08/30/12	KCA	50 - 150 %
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SPLP Polychlorinated Biphenyls

PCB-1016	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1221	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1232	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1242	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1248	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1254	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1260	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1262	ND	0.5	ug/L	08/29/12	AW	SW8082
PCB-1268	ND	0.5	ug/L	08/29/12	AW	SW8082

QA/QC Surrogates

%DCBP (Surrogate Rec)	53		%	08/29/12	AW	30 - 150 %
%TCMX (Surrogate Rec)	56		%	08/29/12	AW	30 - 150 %

SPLP Semivolatiles by SIM

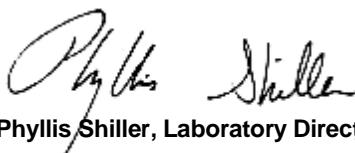
2-Methylnaphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Acenaphthene	0.41	0.050	ug/L	08/31/12	DD	8270(SIM)
Acenaphthylene	0.88	0.050	ug/L	08/31/12	DD	8270(SIM)

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Anthracene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Benz(a)anthracene	0.6	0.040	ug/L	08/31/12	DD	8270(SIM)
Benzo(a)pyrene	0.46	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(b)fluoranthene	0.72	0.050	ug/L	08/31/12	DD	8270(SIM)
Benzo(ghi)perylene	ND	3.0	ug/L	08/31/12	DD	8270(SIM)
Benzo(k)fluoranthene	0.29	0.050	ug/L	08/31/12	DD	8270(SIM)
Chrysene	0.59	0.050	ug/L	08/31/12	DD	8270(SIM)
Dibenz(a,h)anthracene	0.11	0.010	ug/L	08/31/12	DD	8270(SIM)
Fluoranthene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Fluorene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Indeno(1,2,3-cd)pyrene	0.46	0.050	ug/L	08/31/12	DD	8270(SIM)
Naphthalene	ND	10	ug/L	08/31/12	DD	8270(SIM)
Phenanthrene	5.4	0.050	ug/L	08/31/12	DD	8270(SIM)
Pyrene	ND	10	ug/L	08/31/12	DD	8270(SIM)
<u>QA/QC Surrogates</u>						
% 2-Fluorobiphenyl	76		%	08/31/12	DD	40 - 140 %
% Nitrobenzene-d5	67		%	08/31/12	DD	40 - 140 %
% Terphenyl-d14	116		%	08/31/12	DD	40 - 140 %

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
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Phyllis Shiller, Laboratory Director

September 11, 2012

Reviewed and Released by: Bobbi Aloisa, Vice President



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QA/QC Report

September 11, 2012

QA/QC Data

SDG I.D.: GBC60563

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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QA/QC Batch 207892, QC Sample No: BC59635 (BC60569, BC60570, BC60571, BC60572, BC60573)

TPH by GC (Extractable Products)

Ext. Petroleum HC	ND	87	94	7.7				50 - 150	20
% n-Pentacosane	94	105	106	0.9				50 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 207899, QC Sample No: BC59982 (BC60563, BC60564, BC60565, BC60566, BC60567, BC60568)

Polynuclear Aromatic HC - Soil

2-Methylnaphthalene	ND	78	72	8.0	79	86	8.5	30 - 130	30
Acenaphthene	ND	80	76	5.1	81	89	9.4	30 - 130	30
Acenaphthylene	ND	77	73	5.3	79	86	8.5	30 - 130	30
Anthracene	ND	82	77	6.3	83	90	8.1	30 - 130	30
Benz(a)anthracene	ND	80	75	6.5	81	89	9.4	30 - 130	30
Benzo(a)pyrene	ND	75	72	4.1	76	83	8.8	30 - 130	30
Benzo(b)fluoranthene	ND	80	75	6.5	86	98	13.0	30 - 130	30
Benzo(ghi)perylene	ND	78	80	2.5	63	71	11.9	30 - 130	30
Benzo(k)fluoranthene	ND	79	73	7.9	79	84	6.1	30 - 130	30
Chrysene	ND	75	72	4.1	76	82	7.6	30 - 130	30
Dibenz(a,h)anthracene	ND	82	82	0.0	68	76	11.1	30 - 130	30
Fluoranthene	ND	84	80	4.9	84	91	8.0	30 - 130	30
Fluorene	ND	82	78	5.0	82	88	7.1	30 - 130	30
Indeno(1,2,3-cd)pyrene	ND	81	81	0.0	67	75	11.3	30 - 130	30
Naphthalene	ND	64	59	8.1	64	70	9.0	30 - 130	30
Phenanthrene	ND	81	77	5.1	83	91	9.2	30 - 130	30
Pyrene	ND	86	81	6.0	86	93	7.8	30 - 130	30
% 2-Fluorobiphenyl	75	74	67	9.9	74	81	9.0	40 - 140	30
% Nitrobenzene-d5	78	73	67	8.6	74	81	9.0	40 - 140	30
% Terphenyl-d14	89	88	83	5.8	88	95	7.7	40 - 140	30

Comment:

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 207991, QC Sample No: BC60491 (BC60563, BC60564, BC60565, BC60566, BC60567, BC60568)

TPH by GC (Extractable Products) - Soil

Ext. Petroleum HC	ND	74	65	12.9	81	80	1.2	50 - 150	30
% n-Pentacosane	87	89	81	9.4	98	91	7.4	50 - 150	30

QA/QC Batch 208075, QC Sample No: BC60569 (BC60569, BC60570, BC60571, BC60572, BC60573)

Polynuclear Aromatic HC

2-Methylnaphthalene	ND	75	76	1.3				30 - 130	20
Acenaphthene	ND	74	75	1.3				30 - 130	20
Acenaphthylene	ND	39	38	2.6				30 - 130	20
Anthracene	ND	77	77	0.0				30 - 130	20

QA/QC Data

SDG I.D.: GBC60563

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Benz(a)anthracene	ND	75	76	1.3				30 - 130	20
Benzo(a)pyrene	ND	58	57	1.7				30 - 130	20
Benzo(b)fluoranthene	ND	89	81	9.4				30 - 130	20
Benzo(ghi)perylene	ND	72	73	1.4				30 - 130	20
Benzo(k)fluoranthene	ND	75	76	1.3				30 - 130	20
Chrysene	ND	71	70	1.4				30 - 130	20
Dibenz(a,h)anthracene	ND	99	101	2.0				30 - 130	20
Fluoranthene	ND	83	83	0.0				30 - 130	20
Fluorene	ND	82	85	3.6				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	79	81	2.5				30 - 130	20
Naphthalene	ND	57	58	1.7				30 - 130	20
Phenanthrene	ND	76	76	0.0				30 - 130	20
Pyrene	ND	69	70	1.4				30 - 130	20
% 2-Fluorobiphenyl	71	68	67	1.5				30 - 130	20
% Nitrobenzene-d5	79	72	75	4.1				30 - 130	20
% Terphenyl-d14	84	79	80	1.3				30 - 130	20

QA/QC Batch 208092, QC Sample No: BC61164 (BC60569, BC60570, BC60573)

Polychlorinated Biphenyls

PCB-1016	ND	83	78	6.2	83	84	1.2	40 - 140	20
PCB-1221	ND							40 - 140	20
PCB-1232	ND							40 - 140	20
PCB-1242	ND							40 - 140	20
PCB-1248	ND							40 - 140	20
PCB-1254	ND							40 - 140	20
PCB-1260	ND	85	78	8.6	86	88	2.3	40 - 140	20
PCB-1262	ND							40 - 140	20
PCB-1268	ND							40 - 140	20
% DCBP (Surrogate Rec)	88	85	71	17.9	93	98	5.2	30 - 150	20
% TCMX (Surrogate Rec)	100	93	90	3.3	89	96	7.6	30 - 150	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QA/QC Batch 208266, QC Sample No: BC61369 (BC60571, BC60572)

Polychlorinated Biphenyls

PCB-1016	ND	77	101	27.0				40 - 140	20	r
PCB-1221	ND							40 - 140	20	
PCB-1232	ND							40 - 140	20	
PCB-1242	ND							40 - 140	20	
PCB-1248	ND							40 - 140	20	
PCB-1254	ND							40 - 140	20	
PCB-1260	ND	60	69	14.0				40 - 140	20	
PCB-1262	ND							40 - 140	20	
PCB-1268	ND							40 - 140	20	
% DCBP (Surrogate Rec)	58	50	56	11.3				30 - 150	20	
% TCMX (Surrogate Rec)	61	67	73	8.6				30 - 150	20	

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

r = This parameter is outside laboratory rpd specified recovery limits.

QA/QC Data

SDG I.D.: GBC60563

Parameter	Blank	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
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If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

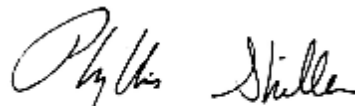
LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference



Phyllis Shiller, Laboratory Director

September 11, 2012

Sample Criteria Exceedences Report**GBC60563 - LBG-FARM**

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
BC60563	\$8100SMR	Benz(a)anthracene	CT / SEMIVOLATILE ORGANIC COMP / GB PMC (mg/kg)	1700	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Benz(a)anthracene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/kg)	1700	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Chrysene	CT / SEMIVOLATILE ORGANIC COMP / GB PMC (mg/kg)	1700	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Benzo(b)fluoranthene	CT / SEMIVOLATILE ORGANIC COMP / GB PMC (mg/kg)	2200	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Benzo(b)fluoranthene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/kg)	2200	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Benzo(a)pyrene	CT / SEMIVOLATILE ORGANIC COMP / GB PMC (mg/kg)	1700	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Benzo(a)pyrene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/kg)	1700	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Indeno(1,2,3-cd)pyrene	CT / SEMIVOLATILE ORGANIC COMP / GB PMC (mg/kg)	1100	250	1000	1000	ug/Kg
BC60563	\$8100SMR	Indeno(1,2,3-cd)pyrene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/kg)	1100	250	1000	1000	ug/Kg
BC60564	\$ETPH_SMR	Ext. Petroleum HC	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	660	11	500	500	mg/Kg
BC60565	\$8100SMR	Benzo(b)fluoranthene	CT / SEMIVOLATILE ORGANIC COMP / GB PMC (mg/kg)	1700	510	1000	1000	ug/Kg
BC60565	\$8100SMR	Benzo(b)fluoranthene	CT / SEMIVOLATILE ORGANIC COMP / RES DEC (mg/kg)	1700	510	1000	1000	ug/Kg
BC60568	\$ETPH_SMR	Ext. Petroleum HC	CT / PESTICIDES, PCB's, TPH, a / RES DEC (mg/kg)	1300	11	500	500	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** LBG-FARM

Project Location: SATIN **Project Number:**

Laboratory Sample ID(s): BC60563, BC60564, BC60565, BC60566, BC60567, BC60568, BC60569, BC60570, BC60571, BC60572, BC60573

Sampling Date(s): 8/27/2012

RCP Methods Used:

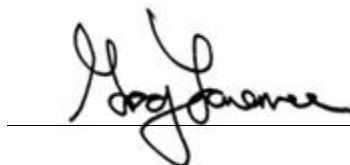
☒ 1311/1312 ☐ 6010 ☐ 7000 ☐ 7196 ☐ 7470/7471 ☐ 8081 ☐ EPH ☐ TO15
☒ 8082 ☐ 8151 ☐ 8260 ☒ 8270 ☒ ETPH ☐ 9010/9012 ☐ VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: PCB Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5b.	Were these reporting limits met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature:



Date: Tuesday, September 11, 2012

Printed Name: Greg Lawrence

Position: Assistant Lab Director



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RCP Certification Report

September 11, 2012

SDG ID.: GBC60563

8270 Semi-volatile Organics:

Only the PAH constituents are reported as requested on the chain-of-custody. In order to achieve the requested reporting levels for the target compounds, some of the samples were extracted and analyzed via 8270 selective ion monitoring (SIM).

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Aufid3 08/30/12-1 (BC60569, BC60570, BC60571, BC60572, BC60573)

Initial Calibration (AU-FID3 - ETPH_30) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Keith Aloisa
Position: Chemist
Date: 8/30/2012

Instrument: Au-fid84 08/28/12-1 (BC60566, BC60567, BC60568)

Initial Calibration (FID84 - ETPH_13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none

Printed Name Keith Aloisa
Position: Chemist
Date: 8/28/2012

Instrument: Au-fid84 08/29/12-1 (BC60569, BC60570, BC60571, BC60572, BC60573)

Initial Calibration (FID84 - ETPH_13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none

Printed Name Keith Aloisa
Position: Chemist
Date: 8/29/2012

Instrument: Au-xl1 08/28/12-1 (BC60563, BC60564, BC60565)



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RCP Certification Report

September 11, 2012

SDG ID.: GBC60563

Initial Calibration (FIDXL1 ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Keith Aloisa
Position: Chemist
Date: 8/28/2012

QC Comments: QC Batch 07892 08/24/12 (BC60569, BC60570, BC60571, BC60572, BC60573)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Batch Specific)

----- Sample No: BC59635, QA/QC Batch: 207892 -----

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

----- Sample No: BC60491, QA/QC Batch: 207991 -----

All LCS recoveries were within 50 - 150 with the following exceptions: None.

All LCSD recoveries were within 50 - 150 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

PAH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem06 08/27/12-1 (BC60563, BC60566, BC60567, BC60568)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were not evaluated in the DFTPP tune.

Initial Calibration (Chem06/BN_0807):

Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: None

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: None.



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RCP Certification Report

September 11, 2012

SDG ID.: GBC60563

Printed Name Damien Drobinski
Position: Chemist
Date: 8/27/2012

QC (Batch Specific)

----- Sample No: BC59982, QA/QC Batch: 207899 -----

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 208266 (Samples: BC60571, BC60572): -----

The LCS/LCSD RPD exceeds the method criteria for one or more analytes, but these analytes were not reported in the sample(s) so no variability is suspected. (PCB-1016)

Instrument: Au-eed35 08/29/12-1 (BC60569, BC60570, BC60573)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 8/29/2012

Instrument: Au-eed35 09/04/12-1 (BC60572)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner
Position: Chemist
Date: 9/4/2012



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RCP Certification Report

September 11, 2012

SDG ID.: GBC60563

Instrument: Au-eed35 09/05/12-1 (BC60571)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Adam Werner

Position: Chemist

Date: 9/5/2012

QC Comments: QC Batch 08092 08/28/12 (BC60569, BC60570, BC60571, BC60572, BC60573)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC Comments: QC Batch 08266 08/30/12 (BC60571, BC60572)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

QC (Batch Specific)

----- Sample No: BC61164, QA/QC Batch: 208092 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: None.

----- Sample No: BC61369, QA/QC Batch: 208266 -----

All LCS recoveries were within 40 - 140 with the following exceptions: None.

All LCSD recoveries were within 40 - 140 with the following exceptions: None.

All LCS/LCSD RPDs were less than 20% with the following exceptions: PCB-1016(27.0%)

SVOA Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem12 08/28/12-1 (BC60564, BC60565)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.

Initial Calibration (Chem12/SV_0814):



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RCP Certification Report

September 11, 2012

SDG I.D.: GBC60563

Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: Benzaldehyde, Aniline, 4-chloroaniline, Carbazole, 3,3'-dichlorobenzidine

The following compounds failed to meet the minimum required response factor: 2-nitrophenol, Hexachlorobenzene

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: Benzaldehyde, Aniline, 2-Nitrophenol, 4-Chloroaniline, Atrazine

Printed Name Damien Drobinski
Position: Chemist
Date: 8/28/2012

QC (Batch Specific)

----- Sample No: BC59982, QA/QC Batch: 207899 -----

All LCS recoveries were within 30 - 130 with the following exceptions: None.

All LCSD recoveries were within 30 - 130 with the following exceptions: None.

All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

SVOASIM Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Chem04 08/30/12-1 (BC60569, BC60570, BC60571, BC60572, BC60573)

The DDT breakdown and pentachlorophenol & benzidine peak tailing were evaluated in the DFTPP tune and were found to be in control.

In the event that lower detection levels were requested, the samples may have been analyzed by selective ion monitoring (SIM) mode.

If PAH/base neutral were requested, Phoenix utilized a method that contained a shortened list, so some of the compounds in the narrative may be non-applicable.

Initial Calibration (Chem04/SIM_0830):

Greater than 90% of the target compounds met calibration criteria with a RSD <20% or >0.99 correlation coefficient. The following compounds had RSDs >20% and <0.99 correlation coefficient: None

The following compounds failed to meet the minimum required response factor: None

Continuing Calibration:

Greater than 80% of target compounds met continuing calibration criteria with a %D <20. The following compounds had >20% difference from the initial calibration: None.



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RCP Certification Report

September 11, 2012

SDG I.D.: GBC60563

Printed Name Damien Drobinski
Position: Chemist
Date: 8/30/2012

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

